PCT/KR03/01391

. CLASSIFICATION OF SUBJECT MATTER

IPC7 H01L 21/205

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC7 H01L21/20, H01L21/02, C23C16/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KOREAN PATENTS AND APPLIACTIONS FOR INVENTIONS SINCE 1975
KOREAN UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) KIPONET

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Y	JP 12-068455 A (NEC CORP) 03.MARCH. 2000 Abstract, figure 1 and description	1, 11	
Y	JP 09-186376 A (SHARP CORP) 15. JURY. 1997 See the whole document	1, 11	
Y	US 6054331 B (DONG YANG CEMENT CORP) 25. APRIL. 2000 Claim 1, Abstract	1, 11	
A	KR 1998-80778 A(CANON CORP) 25. NOVEMBER. 1998. Abstract and Claim1	1, 2, 3, 8	
Y	JP 08-253324 A (SUMITOMO METAL MINING CO.,LTD) 01.OCTOBER.1996 See the whole document	1, 3, 4, 8, 10, 11	
Α	JP13-107238 A (SHARP CORP) 17. APRIL. 2001 Abstract and Claim1	1, 3, 4, 8, 10, 11	

x	Further documents are listed in the continuation of Box C.		X See patent family annex.		
* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance earlier application or patent but published on or after the international	"T"	date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
. –	filing date document which may throw doubts on priority claim(s) or which is	^	considered novel or cannot be considered to involve an inventive step when the document is taken alone		
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"O"	document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"P"	document published prior to the international filing date but later than the priority date claimed	"&"	'&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report			
	29 OCTOBER 2003 (29.10.2003)		30 OCTOBER 2003 (30.10.2003)		
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International application No.
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT							
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.					
Υ .	JP 08-186182 A (MATSUSHITA ELECTRIC IND CO.,LTD) 16. JULY. 1996 See the description	1, 3, 8, 11					
Y	US 05650362 B (FUJI XEROX CO.,LTD) 22. JULY. 1997 Abstract and all Claims	1, 2, 3, 8, 10, 11					
Α	US 6498097 B (DONG YANG CEMENT CO.,LTD) 24. DECEMBER.2002 See the whole document	1-11					
A	EP 0390139 A2 (KANEGAFUCHI CHEMICAL INDUSTRY CO.,LTD, NIPPON STEEL CORP., NEC CORP., SEISAN KAIHATSU KAGAKU KENKYUSHO) 03. OCTOBER.1990 Abstract and Claims	1-11					
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International application No. PCT/KR03/01391

Information on patent family members

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 12-068455 A	03.03.2000	NONE	NONE
JP 09-186376 A	15.07.1997	NONE	NONE
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SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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